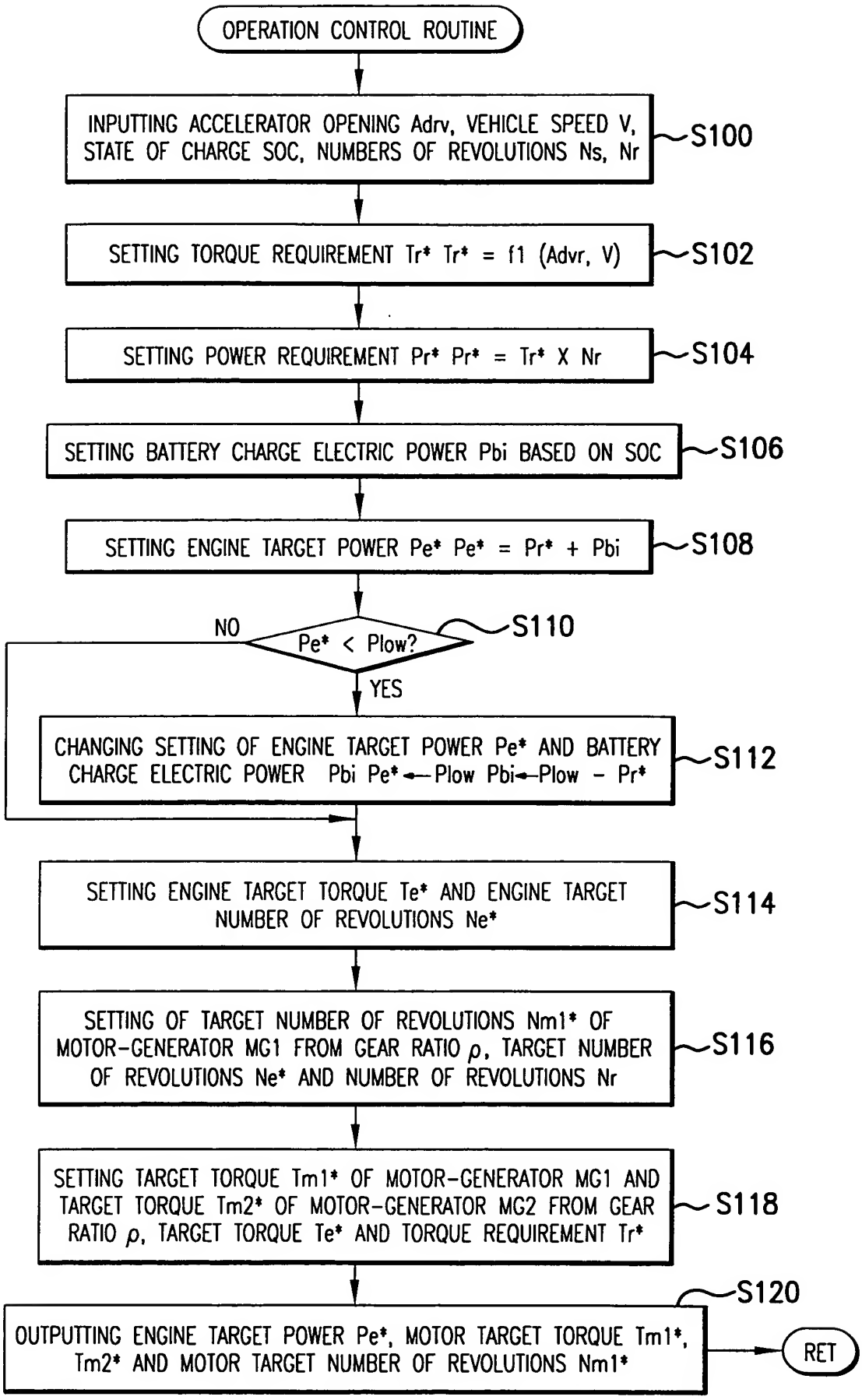
OPERATION CONTROL ROUTINE
INPUTTING ACCELERATOR OPENING Adrv, VEHICLE SPEED V, STATE OF CHARGE SOC, NUMBERS OF REVOLUTIONS Ns, Nr
S100
SETTING TORQUE REQUIREMENT Tr* Tr* = f1 (Advr, V)
S102
SETTING POWER REQUIREMENT Pr* Pr* = Tr* X Nr
S104
SETTING BATTERY CHARGE ELECTRIC POWER Pbi BASED ON SOC
S106
SETTING ENGINE TARGET POWER Pe* Pe* = Pr* + Pbi
S108
NO
Pe* < Plow?
S110
YES
CHANGING SETTING OF ENGINE TARGET POWER Pe* AND BATTERY CHARGE ELECTRIC POWER Pbi Pe* ← Plow Pbi ← Plow - Pr*
S112
SETTING ENGINE TARGET TORQUE Te* AND ENGINE TARGET NUMBER OF REVOLUTIONS Ne*
S114
SETTING OF TARGET NUMBER OF REVOLUTIONS Nm1* OF MOTOR-GENERATOR MG1 FROM GEAR RATIO ρ, TARGET NUMBER OF REVOLUTIONS Ne* AND NUMBER OF REVOLUTIONS Nr
S116
SETTING TARGET TORQUE Tm1* OF MOTOR-GENERATOR MG1 AND TARGET TORQUE Tm2* OF MOTOR-GENERATOR MG2 FROM GEAR RATIO ρ, TARGET TORQUE Te* AND TORQUE REQUIREMENT Tr*
S118
S120
OUTPUTTING ENGINE TARGET POWER Pe*, MOTOR TARGET TORQUE Tm1*, Tm2* AND MOTOR TARGET NUMBER OF REVOLUTIONS Nm1*
RET

FIG.3